**ABHISHEK MUKESH SHAH**

123, Collard Street, Apt 1, Jersey City, NJ 07306

Cell: 551-666-8445

abhimshah92@gmail.com/ashah76@stevens.edu

LinkedIn URL: www.linkedin.com/in/abhishekmshah

**SUMMARY:**

Cisco Certified Network Associate - Routing & Switching **(Cisco ID: CSCO12851572)**

Implemented switching with redundancy and load balancing through Inter-VLAN Routing, Trunking, STP, VTP and Ether-Channel

Extensive working knowledge of routing protocols OSPF, EIGRP, RIP and basic BGP

Good understanding of designing LAN/WAN Network and securing it with port security

Proficient in IP Addressing, sub-netting, TCP/IP and UDP Protocols, and other applications such as DHCP, DNS, Telnet, SSH, SNMP, NTP

Expertise training in Network Designing and Implementation using CCNP R&S Labs

Working knowledge of traffic filters using access-list

Experience with Network Simulation Tools including Cisco Packet Tracer, GNS 3 Dynamips and Network management and monitoring tool Wireshark

Familiarity with Network Cabling and troubleshooting

Diagrammed Network topologies on visio

Excellent communication skills well versed in interacting with individuals as well as working effectively with groups

**EDUCATION:**

**Stevens Institute of Technology,** Hoboken, NJ May 2016

Masters of Science, Telecommunications Management **GPA:** 3.7

**Shah & Anchor Kutchhi Engineering College,** Mumbai University, India June 2014

Bachelors of Engineering, Computer Engineering **GPA:** 3.2

**SKILLS/CERTIFICATIONS:**

**Certifications:** Cisco Certified Network Associate - Routing & Switching, **Cisco ID: CSCO12851572** August 2015 – August 2018

**Network Simulators/Analyzer:** Wireshark, Cisco Packet Tracer, GNS3

**Routing & Switching:** EIGRP, OSPF, RIP, HSRP, VRRP, GLBP, MPLS, STP, RSTP, PVST, MSTP, Ether Channel, Port Security, AAA, VLANs,

Trunking, VPN

**Applications:** IP Addressing, Sub-netting, TCP/IP, DHCP, DNS, SNMP, ACL, NAT, SMTP, LDAP, TELNET, SSH, Active Directory, SSL,

ping, nslookup, traceroute, netstat, tcpdump

**Operating Systems:** Windows, Linux – Ubuntu

**Soft Skills:** MS PowerPoint, MS Excel, MS Word, MS Visio, Basic Python, MS SQL

**EXPERIENCE:**

Stevens Institute of Technology, Hoboken, NJ September 2014 - Present

**Graduate Teaching Assistant,** Telecommunications Management

* Conduct and upload exams on Canvas for more than 125 students including graduate and undergraduate students
* Grade exams as well as demonstrate solutions for students
* Examined technical papers of graduate level students
* Assist professor in administrative work and to create exams for three Graduate level courses
* Interact with students in group as well as individually to help them in course work
* Responsible for setting up the lecture and other office duties

West India Avenue, Mumbai, India May 2013 – May 2014

**Network Engineer – Intern**

* Monitored and troubleshot LAN and generated weekly reports
* Configured Cisco Switches and Routers
* Observed network performance and reported to the incident manager
* Diagrammed Network topology in Visio
* Assisted lead networking engineer in areas of configuration, testing and implementation

**TRAINING:**

CBT NuggetsDecember 2015 – January 2016

**Cisco Certified Design Associate**

* Identified network requirements to support the organization
* Recognized cisco technologies to mitigate security vulnerabilities
* Designed basic Enterprise Campus Network
* Identified design considerations for a remote data center

RST Forum, Mumbai, India June 2015 – August 2015

**Cisco Certified Network Professional – Routing & Switching Training**

* Configured Routers and Switches based on CCNP R&S Labs to create LAN/WAN Design
* Designed and implemented Routing and Switching scenarios in Lab Environment
* Monitored Cisco Routers and Switches using different show commands
* Implemented EIGRP initial configuration, load balancing and variance, stub, authentication and redistribution
* Performed OSPF initial configuration, authentication, stub, redistribution and virtual link
* Implemented switching by performing STP, Trunking, Inter - VLAN Routing, VTP, Ether Channel, HSRP, VRRP and GLBP
* Analyzed and troubleshot Cisco Routers and Switches in LAN/WAN scenario
* Secured ports using Port Security and Authentication to prevent unauthorized access to the network

**PROJECTS/PRESENTATIONS:**

**Cisco Packet Tracer Labs**

* Designed LAN/WAN network using CCNP Labs
* Configured Routers and Switches with static routes and dynamic routes using routing protocols
* Tested telnet connection, implemented banner and secured routers and switches
* Implemented switching with redundancy and load balancing

**Network Designing** – West India AvenueJanuary 2014 – March 2014

* Designed prototype of the network
* Assigned IP addresses to the devices in network
* Implemented ether channel and trunking on cisco switches
* Performed Inter – VLAN Routing between different VLANs

**ACTIVITIES:**

Active on the Cisco Learning Network

Teaching Assistant of Telecommunications Management (Graduate Program) and Business Technology (Undergraduate Program)

Volunteered in Mumbai University Blood Donation Camp

Active member of Indian Graduate Student Association

Organized Technical and Non-Technical Events at Shah & Anchor Kutchhi Engineering College